Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
AUGUST 1984

Summary: The seasonally adjusted unemployment rate for Ohio increased sharply from 8.7 percent of the civilian labor force in July, to 9.8 percent in August. The unadjusted rate rose from 8.4 percent to 9.2 percent. The actual number of unemployed workers totaled 482,000 in August, an increment of 35,000 above July. Total employment was down 2.3 percent, to 4,733,000. A seasonal downturn in school and college employment more than offset increases in canning, retail trade, and construction, bringing Ohio nonagricultural employment down to 4,174,000 in August, just 1,000 below the July level. Hours and earnings averages for factory workers were slightly higher.

Factory Employment: Employment in Ohio manufacturing establishments totaled 1,120,000 in August, up .3 percent from July. The improvement was due largely to seasonally expanded operations in canneries. Recalls from layoff raised employment among producers of pottery and related products and metalworking machinery. Lack of orders curtailed employment in blast furnace and basic steel products. Among nondurable-goods industries, slightly reduced employment was reported for chemicals, printing and publishing, and petroleum refining.

Nonmanufacturing: Employment in Ohio nonmanufacturing dropped fractionally in August, to 3,054,000. Seasonal factors were responsible for most of the losses in local and state government education and in private schools and colleges. Construction firms reported increased employment in August. Advances also occurred in eating and drinking places and business and health services.

Factory Hours and Earnings: Weekly earnings of Ohio's manufacturing production workers, averaging $456.46 in August, were $2 above the July level. The average workweek was up slightly, to 41.8 hours in August. Most of the change in hours and earnings was attributable to increased overtime in motor vehicles and iron and steel foundries. Wage rates and hours also rose in blast furnace and basic steel operations, general industrial machinery, and electric lighting and wiring equipment. Cutbacks in overtime resulted in lower averages in metal forgings and stampings, special industry machinery, and metalworking machinery.

Over the Year: Ohio's unadjusted unemployment rate dropped from 10.8 percent of the civilian labor force in August 1983 to 9.2 percent in August 1984. This rate change reflects a decline of 81,000 in the number of jobless workers over the year. Total employment gained 1.4 percent and nonfarm wage and salary employment increased by 2.5 percent. Nonmanufacturing contributed most to the net gain as health and business services and retail trade showed sizable increases between August 1983 and August 1984. In manufacturing, producers of transportation equipment, fabricated metal products, nonelectrical machinery, electric and electronic equipment, and primary metals reported noteworthy employment increases. Manufacturing production workers averaged $23 and .6 hours more per week in August 1984 than one year earlier.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm payroll employment in Akron totaled 250,300 in August, down 300 from July. The drop was due mainly to partial shutdowns for retooling in fabricated metal products. Losses in government were offset by scattered increases throughout nonmanufacturing. Manufacturing employment dropped 200, to 67,600 in August. Factory production workers earned $10.81 per hour, up 8¢ from July. Their average workweek dropped .2 hours, to 43.1 hours in August.

Canton.--Canton's nonagricultural wage and salary employment increased 400 from July, to 148,300 in August. All of the gain occurred in durable-goods industries, with fabricated metal products and primary metal industries accounting for much of it. These increases boosted manufacturing employment to 45,800, up 400 from July. Production workers in manufacturing earned $10.94 per hour for a workweek of 40.9 hours, up 6¢ and .3 hours from the previous month.

Cincinnati.--Nonagricultural wage and salary employment in Cincinnati stood at 588,500 in August, up slightly from July. Gains in manufacturing and construction were offset by decreases in local government and trade. Increases in motor vehicles and equipment, beverages, and paper products raised manufacturing employment 500, to 146,100 in August. Production workers in factories grossed $10.58 per hour, up 10¢ from July. They worked 41.5 hours per week, up .4 hours.

Cleveland.--Nonfarm establishments in Cleveland employed 831,500 in August, a decrease of 2,500 from July. Reductions in non-faculty personnel in local government education and declines in trade accounted for most of the change. Manufacturing employment, at 209,000, dropped 400 from July, with scattered losses. Factory production workers earned $10.80 per hour, up 12¢ from July. Their average workweek increased .5 hours, to 41.6 hours in August.

Columbus.--August nonagricultural wage and salary employment in Columbus increased 700 from July, to 513,000. Scattered gains among producers of durable goods contributed to the change, as a large increase in retail trade was cancelled out by reductions in local government. Manufacturing rose 600, to 88,900 in August. Production workers in manufacturing averaged $10.26 per hour for a workweek of 41.0 hours--up 5¢ and .4 hours from July.

Dayton.--Nonfarm payroll employment in Dayton totaled 343,000 in August, up 200 from July. Declines in local government were offset by gains in retail trade. Manufacturing employment, at 91,400, was little changed from July. Factory production workers earned $11.22 per hour for a workweek of 42.7 hours, both slightly below July levels.

Toledo.--Toledo's nonfarm wage and salary employment in August was 287,600, an increase of 200 from July. Declines in state government lowered nonmanufacturing, while seasonal increases in food and kindred products led manufacturing up 700, to 75,700. Factory production workers earned $11.65 per hour in August, up 6¢ from July. Their average workweek was 43.3 hours, up .3 hours.

Youngstown-Warren.--Nonagricultural establishments in Youngstown-Warren employed 181,100 in August, down 600 from July. Most of the decrease occurred in durable goods due to layoffs in blast furnace and basic steel products. Manufacturing employment, at 55,100, was down 500. The average hourly earnings of manufacturing production workers dropped 37¢ from July, to $12.72. The average workweek, at 42.6 hours in August, was down 1.6 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 9-24-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	148.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	586.4	834.0	512.2	342.9	287.4	181.7
August ..	250.3	148.3	588.5	831.5	513.0	343.0	287.6	181.1
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.6	45.8	146.1	209.0	88.9	91.4	75.7	55.1

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.8	97.5	133.9	58.8	59.1	54.1	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5[k]	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.1	40.9	41.5	41.6	41.0	42.7	43.3	42.6

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.81	10.94	10.58	10.80	10.26	11.22	11.65	12.72
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	195.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.30	313.50
1978	304.14	304.67	280.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	465.91	447.45	439.07	449.28	420.66	479.09	504.45	541.87

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September .	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January ...	182.3	159.8	22.5	12.3
February ...	298.6	263.8	34.8	11.6	February ..	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July[p]	315.8	288.9	26.9	8.5	July[p]	191.4	174.2	17.2	9.0
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September ..	685.5	619.2	66.4	9.7	September .	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October ...	936.6	840.1	96.6	10.3
November ...	693.2	629.0	64.2	9.3	November ..	935.3	836.6	98.7	10.6
December ...	684.3	622.5	61.9	9.0	December ..	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January ...	899.5	815.9	83.7	9.3
February ...	670.2	611.3	58.9	8.8	February ..	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July[p]	718.7	662.3	56.4	7.8	July[p]	954.0	875.6	78.5	8.2

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	567.4	516.4	51.0	9.0
1983	579.1	527.4	51.7	8.9
1983				
July	599.8	549.2	50.7	8.4
August	591.8	544.6	47.2	8.0
September	577.9	528.9	49.0	8.5
October	594.3	545.1	49.2	8.3
November	594.7	544.2	50.2	8.5
December	585.3	537.9	47.4	8.1
1984				
January	575.1	529.6	45.4	7.9
February	570.0	526.7	43.2	7.6
March	571.3	525.2	46.0	8.1
April	580.3	535.2	45.1	7.8
May	590.4	543.9	46.5	7.9
June	605.6	561.9	43.7	7.2
July[p]	614.1	572.1	41.9	6.8
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983	374.2	326.9	47.2	12.6
1983				
July	382.1	337.7	44.4	11.6
August	379.2	335.1	44.1	11.6
September	374.8	331.9	42.9	11.5
October	380.0	338.3	41.7	11.0
November	381.3	337.5	43.8	11.5
December	372.5	331.9	40.5	10.9
1984				
January	366.1	327.4	38.6	10.6
February	365.7	327.7	38.0	10.4
March	367.3	327.8	39.5	10.8
April	371.8	335.7	36.1	9.7
May	378.2	342.1	36.1	9.5
June	384.7	345.8	38.9	10.1
July	INA	INA	INA	INA

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.8	347.1	44.7	11.4
1983	390.6	350.7	39.9	10.2
1983				
July	400.0	362.6	37.4	9.4
August	396.5	359.4	37.1	9.3
September	389.5	353.7	35.7	9.2
October	395.4	360.8	34.7	8.8
November	396.8	360.3	36.5	9.2
December	388.0	355.5	32.5	8.4
1984				
January	385.5	353.0	32.5	8.4
February	383.7	350.3	33.4	8.7
March	383.4	348.5	34.9	9.1
April	387.1	354.5	32.6	8.4
May	391.4	358.8	32.6	8.3
June	398.7	368.1	30.6	7.7
July[p]	406.4	377.7	28.7	7.1
YOUNGSTOWN-WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.0	190.3	46.6	19.7
1983	227.3	189.6	37.8	16.6
1983				
July	233.4	199.5	33.9	14.5
August	232.6	196.2	36.4	15.6
September	226.7	193.1	33.6	14.8
October	227.0	195.5	31.5	13.9
November	227.9	195.2	32.7	14.4
December	222.4	192.2	30.2	13.6
1984				
January	218.3	189.7	28.6	13.1
February	214.6	188.2	26.4	12.3
March	215.3	186.8	28.5	13.2
April	216.3	190.5	25.8	11.9
May	220.3	194.4	25.9	11.8
June	222.0	198.2	23.8	10.7
July[p]	226.6	204.1	22.6	10.0

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties.
[p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,173.9	1,120.4	3,053.5

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.1	200.4	223.6	720.4	215.8	905.5	614.7

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June ...	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.4	764.2	356.2	774.0	353.3	32.4

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.96	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	256.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	456.46	477.28	411.00	41.8	42.2	41.1	10.92	11.31	10.00

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	56.1	109.3	139.3	159.1	93.9	141.0	67.5	62.9	89.1
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.09	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.09	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	418.47	379.33	413.14
August ..	425.11	538.88	459.68	455.52	415.34	600.76	415.80	379.55	410.06

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	4173.9	4174.9	4074.0	.0	2.5
MANUFACTURING	1120.4	1117.1	1074.7	.3	4.3
Durable Goods[e]	764.2	763.4	728.4	.1	4.9
Lumber and wood products	16.2	16.1	14.7	.7	10.3
Furniture and fixtures	13.3	13.5	13.5	- 1.6	- 1.7
Household furniture	5.6	5.7	6.2	- 2.1	- 9.6
Stone, clay, and glass products	56.1	55.5	54.0	1.1	3.9
Glass and glassware, pressed or blown.	13.8	13.8	13.8	.3	.6
Structural clay products	5.0	5.0	4.9	- .1	2.7
Pottery and related products	6.1	5.6	5.7	8.4	7.0
Primary metal industries	109.3	110.4	105.1	- 1.0	3.9
Blast furnace and basic steel products	53.0	54.0	52.9	- 1.9	.1
Iron and steel foundries	21.9	22.0	20.2	- .3	8.7
Nonferrous rolling and drawing	18.5	18.7	18.3	- .8	1.6
Nonferrous foundries	9.4	9.3	8.2	.7	14.7
Fabricated metal products	139.3	138.9	132.2	.3	5.4
Cutlery, hand tools, and hardware	11.1	11.0	11.0	1.4	1.5
Plumbing and heating, except electric.	5.0	4.8	4.3	4.3	16.2
Fabricated structural metal products	29.4	29.4	29.3	.0	.4
Screw machine products, bolts, etc.	8.9	8.8	8.6	1.7	4.5
Metal forgings and stampings	42.7	42.8	39.6	- .4	7.8
Machinery, except electrical	159.1	158.7	152.6	.2	4.3
Construction and related machinery	15.5	15.6	17.2	- .6	- 9.5
Metalworking machinery	39.5	39.1	38.1	1.0	3.8
Special industry machinery	17.1	17.0	16.0	.5	6.8
General industrial machinery	31.9	32.1	29.3	- .7	9.0
Electric and electronic equipment	93.9	93.6	89.6	.3	4.8
Electrical industrial apparatus	19.1	19.2	18.2	- .4	4.9
Household appliances	17.4	17.3	16.8	.9	4.0
Electric lighting and wiring equipment	18.2	18.2	17.6	.0	3.4
Communication equipment	10.2	10.2	10.2	- .2	.1
Transportation equipment	141.0	141.0	132.8	.0	6.2
Motor vehicles and equipment	93.8	93.7	87.5	.1	7.2
Aircraft and parts	39.0	39.2	37.1	- .4	5.1
Instruments and related products	21.8	21.6	20.4	.7	6.8
Measuring and controlling devices	12.7	12.7	11.9	.3	6.6
Nondurable Goods[f]	356.2	353.7	346.3	.7	2.8
Food and kindred products	67.5	65.1	66.4	3.6	1.7
Meat products	10.7	10.6	10.1	1.7	6.3
Dairy products	10.5	10.5	10.7	.3	- 1.4
Bakery products	10.3	10.3	10.0	- .6	2.6
Beverages	10.6	10.5	10.7	1.3	- .7
Textile mill products	4.6	4.6	4.5	.2	2.1
Apparel and other textile products	17.5	17.3	16.4	1.1	6.7
Paper and allied products	35.8	35.4	34.7	.9	3.0
Paper mills, except building paper	9.7	9.6	9.1	1.5	7.3
Misc. converted paper products	11.5	11.5	11.4	- .6	.8
Paperboard containers and boxes	11.6	11.6	11.4	- .3	1.5
Printing and publishing	62.9	63.2	61.9	- .4	1.7
Newspapers	18.0	18.1	18.0	- .6	.4
Commercial printing	22.9	23.0	22.4	- .4	2.2
Chemicals and allied products	64.3	64.6	64.0	- .4	.4
Industrial inorganic chemicals	11.5	11.5	11.4	.1	1.2
Plastics materials and synthetics	8.7	8.8	8.8	- .5	- 1.0
Petroleum and coal products	9.7	9.8	9.8	- .7	- .9
Rubber and misc. plastics products	89.1	88.9	83.5	.2	6.7
Tires and inner tubes	20.6	20.6	20.3	.0	1.6
Miscellaneous plastics products	47.7	47.6	43.6	.2	9.4
Leather and leather products	4.7	4.7	5.0	- .2	- 6.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$456.46	$454.53	$433.42	41.8	41.7	41.2	$10.92	$10.90	$10.52
Durable Goods[d]	477.28	472.63	445.52	42.2	41.9	41.1	11.31	11.28	10.84
Lumber and wood products	299.15	301.76	294.33	40.7	41.0	40.1	7.35	7.36	7.34
Furniture and fixtures	327.62	310.87	306.77	40.8	39.4	40.1	8.03	7.89	7.65
Household furniture	288.64	274.25	270.97	40.2	38.9	38.6	7.18	7.05	7.02
Stone, clay, and glass products	425.11	419.98	401.64	41.8	41.5	40.9	10.17	10.12	9.82
Glass and glassware, pressed or blown	451.28	435.20	415.28	41.1	40.0	39.4	10.98	10.88	10.54
Structural clay products	318.84	323.05	310.06	41.3	41.9	41.9	7.72	7.71	7.40
Pottery and related products	322.61	333.02	324.76	37.6	37.8	37.2	8.58	8.81	8.73
Primary metal industries	538.88	530.01	492.83	42.1	41.7	40.1	12.80	12.71	12.29
Blast furnace and basic steel products	534.30	526.51	486.54	40.6	40.1	38.1	13.16	13.13	12.77
Iron and steel foundries	546.08	512.91	496.70	43.1	41.7	41.6	12.67	12.30	11.94
Nonferrous rolling and drawing	598.65	619.16	540.06	42.7	44.1	41.8	14.02	14.04	12.92
Nonferrous foundries	434.85	413.69	410.48	44.6	43.5	43.3	9.75	9.51	9.48
Fabricated metal products	459.68	462.45	449.35	41.6	41.7	41.8	11.05	11.09	10.75
Cutlery, hand tools, and hardware	465.16	461.71	448.94	40.1	39.7	40.3	11.60	11.63	11.14
Plumbing and heating, except electric.	387.20	370.96	339.65	41.5	40.9	40.1	9.33	9.07	8.47
Fabricated structural metal products	412.10	415.07	418.50	41.5	41.8	41.6	9.93	9.93	10.06
Screw machine products, bolts, etc.	380.79	385.54	382.18	41.3	41.5	40.4	9.22	9.29	9.46
Metal forgings and stampings	551.04	558.41	533.72	42.0	42.4	42.8	13.12	13.17	12.47
Machinery, except electrical	455.52	459.43	421.14	42.1	42.5	40.3	10.82	10.81	10.45
Construction and related machinery	407.78	405.16	419.15	39.9	39.8	39.1	10.22	10.18	10.72
Metalworking machinery	426.01	432.64	390.79	41.2	41.6	38.2	10.34	10.40	10.23
Special industry machinery	443.11	461.32	413.76	43.4	44.4	41.5	10.21	10.39	9.97
General industrial machinery	455.10	444.29	419.35	41.6	41.1	40.4	10.94	10.81	10.38
Electric and electronic equipment	415.34	412.70	395.60	40.8	40.7	40.7	10.18	10.14	9.72
Electrical industrial apparatus	407.71	410.69	359.42	41.1	41.4	38.4	9.92	9.92	9.36
Household appliances	430.44	425.08	413.71	40.8	40.6	40.8	10.55	10.47	10.14
Electric lighting and wiring equipment	409.45	397.80	397.74	40.3	39.9	42.0	10.16	9.97	9.47
Communication equipment	441.16	443.31	454.95	41.0	41.2	42.4	10.76	10.76	10.73
Transportation equipment	600.76	587.80	541.80	44.6	43.8	43.0	13.47	13.42	12.60
Motor vehicles and equipment	632.45	614.10	564.18	45.5	44.5	43.6	13.90	13.80	12.94
Aircraft and parts	527.50	535.86	489.76	42.2	42.8	41.4	12.50	12.52	11.83
Instruments and related products	318.33	310.07	308.45	40.5	39.6	39.8	7.86	7.83	7.75
Measuring and controlling devices	308.45	298.38	299.15	39.8	38.6	38.8	7.75	7.73	7.71
Nondurable Goods[e]	411.00	412.00	403.50	41.1	41.2	41.3	10.00	10.00	9.77
Food and kindred products	415.80	418.47	409.04	42.0	42.1	42.3	9.90	9.94	9.67
Meat products	393.96	398.79	405.32	42.0	42.2	41.7	9.38	9.45	9.72
Dairy products	416.75	416.98	414.54	42.7	43.3	44.1	9.76	9.63	9.40
Bakery products	449.63	460.74	411.83	41.1	42.0	40.1	10.94	10.97	10.27
Beverages	380.16	374.46	373.83	39.6	39.5	40.9	9.60	9.48	9.14
Textile mill products	333.27	321.44	319.70	41.4	41.0	42.4	8.05	7.84	7.54
Apparel and other textile products	244.30	240.30	236.25	37.7	36.8	37.8	6.48	6.53	6.25
Paper and allied products	442.04	445.59	432.08	43.0	43.9	44.0	10.28	10.15	9.82
Paper mills, except building paper	563.34	545.56	523.28	45.8	46.0	47.1	12.30	11.86	11.11
Misc. converted paper products	396.86	414.86	381.60	42.4	43.9	42.4	9.36	9.45	9.00
Paperboard containers and boxes	378.12	384.64	395.90	41.1	41.9	42.8	9.20	9.18	9.25
Printing and publishing	379.55	379.33	371.35	38.3	38.2	37.7	9.91	9.93	9.85
Newspapers	325.04	324.38	315.89	33.1	33.1	32.6	9.82	9.80	9.69
Commercial printing	389.30	395.28	386.31	40.3	40.5	39.5	9.66	9.76	9.78
Chemicals and allied products	470.76	470.76	457.75	40.9	40.9	41.5	11.51	11.51	11.03
Industrial inorganic chemicals	509.63	513.36	485.62	41.4	41.5	41.4	12.31	12.37	11.73
Plastics materials and synthetics	530.86	527.56	514.21	43.3	43.6	44.1	12.26	12.10	11.66
Petroleum and coal products	607.39	600.06	593.64	43.2	42.8	42.8	14.06	14.02	13.87
Rubber and misc. plastics products	410.06	413.14	407.11	41.8	42.2	42.1	9.81	9.79	9.67
Tires and inner tubes	610.08	593.38	564.83	46.5	45.4	44.3	13.12	13.07	12.75
Miscellaneous plastics products	385.56	394.48	389.06	40.8	41.7	41.7	9.45	9.46	9.33
Leather and leather products	220.13	218.06	210.76	41.3	41.3	38.6	5.33	5.28	5.46

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
AUGUST 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
NONMANUFACTURING	3053.5	3057.9	2999.3	- .1	1.8
MINING	28.1	28.3	27.4	- .8	2.5
Bituminous coal and lignite mining	11.7	12.0	11.6	- 2.0	1.0
CONSTRUCTION	145.1	144.0	142.2	.8	2.1
General building contractors	36.5	36.1	34.8	1.0	4.7
Heavy construction contractors	24.8	24.6	23.3	1.0	6.6
TRANSPORTATION AND PUBLIC UTILITIES	200.4	200.1	184.6	.1	8.6
Railroad transportation	19.4	19.7	19.3	- 1.3	.7
Transportation, except railroads	89.2	88.6	87.3	.6	2.1
Trucking and warehousing	63.2	62.6	62.9	.9	.5
Communication, electric, gas services	91.8	91.9	78.0	- .1	17.7
Communication	51.8	51.8	37.4[h]	- .1	38.6
Electric, gas, and sanitary services	40.1	40.1	40.7	.0	- 1.5
WHOLESALE TRADE	223.6	223.6	221.3	.0	1.0
Wholesale trade-durable goods	139.7	139.7	138.5	.0	.9
Motor vehicles & automotive equipment	20.5	20.4	20.3	.5	1.2
Electrical goods	18.7	18.8	18.5	- .7	.9
Machinery, equipment, and supplies	58.5	58.5	58.0	- .1	1.0
Wholesale trade-nondurable goods	83.9	83.9	82.8	.0	1.2
Groceries and related products	26.5	26.5	25.9	.2	2.5
RETAIL TRADE	720.4	718.6	712.4	.2	1.1
General merchandise stores	110.2	110.3	108.3	- .1	1.7
Department stores	101.6	101.7	99.6	- .1	2.0
Food stores	119.1	119.1	117.3	.0	1.5
Automotive dealers & service stations	76.0	76.1	76.3	- .1	- .4
Apparel and accessory stores	33.2	32.7	33.5	1.6	- .8
FINANCE, INSURANCE, AND REAL ESTATE	215.8	215.6	212.3	.1	1.6
Banking	57.8	57.9	58.9	- .1	- 1.8
Credit agencies other than banks	32.6	32.5	31.7	.2	2.7
Insurance carriers	59.8	59.6	59.4	.3	.5
SERVICES	905.5	906.4	883.0	- .1	2.5
Hotels and other lodging places	30.7	30.4	30.8	1.0	- .4
Laundry, cleaning, & garment services	16.4	16.5	16.3	- .1	.7
Business services	137.9	136.9	130.8	.7	5.4
Health services	332.4	331.7	323.7	.2	2.7
Hospitals	179.1	179.2	177.4	.0	1.0
GOVERNMENT	614.7	621.2	616.2	- 1.0	- .2
Federal government	91.6	91.7	89.1	- .1	2.8
State government	122.1	123.4	122.5	- 1.1	- .3
State government, except education	70.5	70.5	71.4	.1	- 1.3
State government education[i]	51.6	52.9	51.0	- 2.5	1.1
Local government	401.1	406.1	404.6	- 1.2	- .9
Local government, except education	189.0	190.7	194.6	- .9	- 2.9
Local government education	212.1	215.5	210.0	- 1.6	1.0

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes, [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
AUGUST 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$490.56	$489.00	$456.86	43.8	43.7	43.1	$11.20	$11.19	$10.60
Bituminous coal and lignite mining	602.28	604.35	561.43	42.0	42.5	41.1	14.34	14.22	13.66
CONSTRUCTION	605.66	597.53	575.91	39.1	38.6	37.3	15.49	15.48	15.44
General building contractors	566.21	540.41	515.06	40.1	38.3	36.4	14.12	14.11	14.15
Heavy construction contractors	605.01	598.80	566.96	40.2	40.0	38.0	15.05	14.97	14.92
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	438.95	438.78	435.25	35.6	35.5	35.3	12.33	12.36	12.33
Communication, electric, gas services	501.84	491.25	442.66	40.8	40.7	39.7	12.30	12.07	11.15
Communication	498.17	488.38	405.89	40.7	40.8	38.4	12.24	11.97	10.57
Electric, gas, and sanitary services	506.34	495.73	469.34	40.9	40.6	40.6	12.38	12.21	11.56
WHOLESALE TRADE	338.69	341.12	330.17	39.2	39.3	39.4	8.64	8.68	8.38
Wholesale trade-durable goods	334.62	334.57	323.56	39.6	39.5	39.7	8.45	8.47	8.15
Motor vehicles & automotive equipment	280.10	279.30	286.73	39.9	38.9	38.8	7.02	7.18	7.39
Electrical goods	289.18	277.50	268.00	38.1	37.0	37.8	7.59	7.50	7.09
Machinery, equipment, and supplies	375.56	377.45	361.09	39.7	39.9	40.3	9.46	9.46	8.96
Wholesale trade-nondurable goods	345.86	352.17	341.54	38.6	39.0	38.9	8.96	9.03	8.78
Groceries and related products	370.05	374.26	370.24	41.3	41.4	41.6	8.96	9.04	8.90
RETAIL TRADE[f]	161.91	162.46	162.90	29.6	29.7	30.0	5.47	5.47	5.43
General merchandise stores	167.48	166.77	169.02	30.9	30.6	31.3	5.42	5.45	5.40
Department stores	170.19	170.02	172.54	31.0	30.8	31.6	5.49	5.52	5.46
Food stores	206.49	211.05	227.01	30.1	30.9	32.2	6.86	6.83	7.05
Automotive dealers & service stations	224.44	224.22	212.99	36.2	36.4	36.1	6.20	6.16	5.90
Apparel and accessory stores	122.38	116.77	115.44	27.5	26.6	26.0	4.45	4.39	4.44
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	225.39	225.69	217.29	....	....	....	....	....	....
Credit agencies other than banks	220.70	219.93	210.50	....	....	....	....	....	....
Insurance carriers	298.92	299.07	291.15	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	290.30	290.64	283.71	33.6	33.6	34.1	8.64	8.65	8.32
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	250.3	250.6	244.3	- .1	2.5
MANUFACTURING	67.6	67.8	65.6	- .4	3.0
Durable Goods[e]	34.8	34.9	33.0	- .4	5.5
Stone, clay, and glass products	1.3	1.3	1.4	1.1	- 6.5
Fabricated metal products	12.7	13.0	12.2	- 2.3	4.4
Machinery, except electrical	9.3	9.1	8.8	1.6	5.8
Special industry machinery	1.5	1.4	1.4	3.9	8.1
Nondurable Goods[f]	32.8	32.9	32.7	- .4	.4
Food and kindred products	2.7	2.7	2.7	.6	1.7
Chemicals and allied products	2.9	2.9	3.2	- .4	- 10.8
Rubber and misc. plastics products	22.0	22.0	21.5	- .2	2.1
Tires and inner tubes	15.6	15.6	15.5	- .3	.9
NONMANUFACTURING[g]	182.8	182.8	178.6	.0	2.3
CONSTRUCTION	8.3	8.1	8.0	1.6	3.0
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.6	11.8	.0	6.8
Communication, electric, gas services	5.3	5.3	4.7[h]	- .1	13.7
WHOLESALE TRADE	11.7	11.6	11.8	.6	- 1.0
RETAIL TRADE	46.4	46.3	45.6	.3	1.8
FINANCE, INSURANCE, AND REAL ESTATE	9.7	9.6	9.4	.5	2.9
SERVICES	57.4	57.3	55.0	.2	4.4
GOVERNMENT	36.0	36.5	36.3	- 1.4	- .7
State government (includes education)	10.1	10.2	10.1	- .7	.4
Local government (includes education)	23.8	24.2	24.1	- 1.8	- 1.6

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$465.91	$464.61	$446.16	43.1	43.3	42.9	$10.81	$10.73	$10.40
Durable Goods[d]	472.69	474.36	447.26	42.7	43.4	42.8	11.07	10.93	10.45
Stone, clay, and glass products	398.35	394.48	400.16	41.8	41.7	42.3	9.53	9.46	9.46
Fabricated metal products	549.54	549.12	503.10	41.6	42.7	43.0	13.21	12.86	11.70
Machinery, except electrical	405.10	418.53	410.55	43.7	45.1	42.9	9.27	9.28	9.57
Special industry machinery	467.08	517.09	439.01	46.2	49.2	44.3	10.11	10.51	9.91
Nondurable Goods[e]	457.27	449.53	443.76	43.8	43.1	43.0	10.44	10.43	10.32
Food and kindred products	455.11	462.60	464.90	44.1	45.0	45.4	10.32	10.28	10.24
Chemicals and allied products	449.28	464.61	481.34	41.6	42.9	43.6	10.80	10.83	11.04
Rubber and misc. plastics products	489.52	474.56	465.16	45.2	43.9	43.8	10.83	10.81	10.62
Tires and inner tubes	672.07	651.58	607.31	49.2	47.7	45.8	13.66	13.66	13.26
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	558.47	602.46	548.55	36.1	38.3	35.9	15.47	15.73	15.28
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	508.80	497.75	454.68	40.9	40.9	39.4	12.44	12.17	11.54
WHOLESALE TRADE	332.45	321.57	295.68	40.2	39.7	38.5	8.27	8.10	7.68
RETAIL TRADE[f]	180.60	178.47	176.95	30.2	30.3	30.3	5.98	5.89	5.84
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	148.3	147.9	143.9	.3	3.1
MANUFACTURING	45.8	45.4	44.1	1.0	3.9
Durable Goods[e]	34.3	33.8	33.6	1.3	2.1
Stone, clay, and glass products	1.6	1.6	1.7	.2	- 4.3
Primary metal industries	11.5	11.4	10.9	.8	5.4
Fabricated metal products	7.4	7.3	7.4	2.2	.6
Fabricated structural metal products	1.7	1.7	1.9	.0	- 15.1
Metal forgings and stampings	2.6	2.5	2.3	4.8	15.9
Nondurable Goods[f]	11.5	11.5	10.5	- .2	9.6
Food and kindred products	4.2	4.2	3.7	.4	15.0
Rubber and misc. plastics products	2.9	2.8	2.5	1.6	13.4
NONMANUFACTURING[g]	102.5	102.5	99.8	.0	2.7
CONSTRUCTION	5.4	5.4	4.8	.7	13.6
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.6	- .3	5.0
Communication, electric, gas services	2.7	2.7	2.4[h]	- .3	13.3
WHOLESALE TRADE	7.6	7.6	7.3	.2	3.8
RETAIL TRADE	26.5	26.4	26.2	.3	1.3
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.8	6.5	.0	4.7
SERVICES	31.8	31.9	31.0	- .3	2.8
GOVERNMENT	17.2	17.2	17.3	- .2	- .6
Local government (includes education)	14.4	14.4	14.5	- .1	- .5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$447.45	$441.73	$421.40	40.9	40.6	39.2	$10.94	$10.88	$10.75
Durable Goods[d]	466.99	458.78	432.84	41.0	40.6	39.1	11.39	11.30	11.07
Stone, clay, and glass products	276.32	279.74	281.88	38.7	39.4	40.5	7.14	7.10	6.96
Primary metal industries	503.46	501.84	446.46	41.2	41.0	37.9	12.22	12.24	11.78
Fabricated metal products	535.82	477.12	510.06	42.9	40.4	41.3	12.49	11.81	12.35
Fabricated structural metal products	364.55	376.28	385.93	39.5	40.9	35.9	9.23	9.20	10.75
Metal forgings and stampings	679.60	570.75	645.66	46.2	41.6	44.9	14.71	13.72	14.38
Nondurable Goods[e]	390.05	386.48	384.30	40.8	40.3	39.7	9.56	9.59	9.68
Food and kindred products	396.01	391.38	408.88	40.7	40.1	38.0	9.73	9.76	10.76
Rubber and misc. plastics products	452.76	449.95	404.98	44.0	43.6	42.9	10.29	10.32	9.44
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	591.69	590.70	545.64	38.1	37.6	35.5	15.53	15.71	15.37
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	516.23	500.03	465.66	41.8	41.6	41.1	12.35	12.02	11.33
WHOLESALE TRADE	332.49	329.08	310.90	37.4	37.1	37.1	8.89	8.87	8.38
RETAIL TRADE[f]	161.70	162.30	161.50	30.0	30.0	30.3	5.39	5.41	5.33
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	588.5	588.4	571.8	.0	2.9
MANUFACTURING	146.1	145.6	141.8	.3	3.0
Durable Goods[e]	79.7	79.5	77.6	.3	2.7
Furniture and fixtures	2.0	2.0	2.2	.0	- 7.6
Primary metal industries	2.2	2.2	1.7	2.1	27.9
Fabricated metal products	12.4	12.5	12.3	- .7	.8
Fabricated structural metal products	3.6	3.6	3.9	- .9	- 9.2
Machinery, except electrical	19.1	19.1	18.4	.1	3.6
Metalworking machinery	7.9	7.9	7.8	- .3	1.7
General industrial machinery	3.5	3.6	3.4	- .9	3.5
Electric and electronic equipment	8.2	8.1	8.0	1.5	2.9
Transportation equipment	25.4	25.5	25.1	- .1	1.4
Motor vehicles and equipment	10.1	10.0	10.0	1.9	1.4
Nondurable Goods[f]	66.4	66.1	64.2	.4	3.4
Food and kindred products	14.7	14.5	14.4	1.5	2.2
Meat products	2.3	2.4	2.2	- 1.3	4.5
Bakery products	2.5	2.5	2.4	- .4	3.9
Beverages	4.3	4.1	4.3	5.3	.7
Apparel and other textile products	3.9	3.9	3.9	- .3	- 2.0
Paper and allied products	6.1	6.0	5.8	2.7	5.3
Printing and publishing	11.5	11.6	11.1[h]	- 1.3	3.7
Chemicals and allied products	21.9	21.9	21.2	- .3	3.2
Rubber and misc. plastics products	5.0	5.0	4.5	.9	11.8
NONMANUFACTURING[g]	442.4	442.8	430.0	- .1	2.9
CONSTRUCTION	22.2	21.7	21.4	2.3	3.4
TRANSPORTATION AND PUBLIC UTILITIES	31.1	31.1	28.9	.1	7.6
Communication, electric, gas services	14.1	14.1	12.3[h]	- .1	14.2
WHOLESALE TRADE	36.3	36.4	36.1	- .4	.4
RETAIL TRADE	105.5	105.5	104.0	- .1	1.4
FINANCE, INSURANCE, AND REAL ESTATE	33.8	33.8	32.9	.0	2.6
Banking	7.5	7.5	7.4	- .2	1.2
Insurance carriers	11.4	11.4	11.1	.1	3.3
SERVICES	138.0	138.1	131.9	- .1	4.6
GOVERNMENT	75.2	75.8	74.2	- .9	1.3
Federal government	13.2	13.3	12.3	- .7	7.4
State government (includes education)	16.2	16.1	16.3	.4	- .3
Local government	45.7	46.3	45.6	- 1.4	.3
Local government, except education	22.1	22.3	22.2	- 1.0	- .7
Local government education	23.7	24.1	23.4	- 1.7	1.2

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$439.07	$430.73	$415.34	41.5	41.1	40.8	$10.58	$10.48	$10.18
Durable Goods[d]	444.56	422.69	404.00	41.9	40.8	40.4	10.61	10.36	10.00
Furniture and fixtures	343.54	340.61	326.68	40.8	40.5	41.3	8.42	8.41	7.91
Primary metal industries	497.03	473.69	401.79	42.3	40.8	37.1	11.75	11.61	10.83
Fabricated metal products	370.26	392.09	390.15	39.6	41.1	42.5	9.35	9.54	9.18
Fabricated structural metal products	382.27	425.65	359.72	42.1	44.9	41.3	9.08	9.48	8.71
Machinery, except electrical	386.38	381.64	361.62	40.8	40.3	38.8	9.47	9.47	9.32
Metalworking machinery	434.52	418.26	383.69	40.8	39.2	37.0	10.65	10.67	10.37
General industrial machinery	338.18	344.06	332.00	39.6	40.1	40.0	8.54	8.58	8.30
Electric and electronic equipment	334.53	333.33	292.99	41.3	40.7	38.2	8.10	8.19	7.67
Transportation equipment	661.93	582.82	553.10	45.4	41.6	41.4	14.58	14.01	13.36
Motor vehicles and equipment	767.83	613.96	619.05	49.0	41.4	42.9	15.67	14.83	14.43
Nondurable Goods[e]	433.61	440.73	428.69	41.1	41.5	41.3	10.55	10.62	10.38
Food and kindred products	502.11	512.20	473.91	43.7	44.5	42.2	11.49	11.51	11.23
Meat products	430.01	444.60	422.00	44.7	45.6	42.2	9.62	9.75	10.00
Bakery products	487.64	499.75	446.26	43.5	44.7	43.2	11.21	11.18	10.33
Beverages	469.69	469.83	449.02	42.2	41.8	42.4	11.13	11.24	10.59
Apparel and other textile products	218.67	214.20	212.27	37.0	36.0	36.1	5.91	5.95	5.88
Paper and allied products	394.48	390.08	390.08	42.1	42.4	42.4	9.37	9.20	9.20
Printing and publishing	414.00	407.55	426.77	40.0	39.8	40.8	10.35	10.24	10.46
Chemicals and allied products	495.29	498.84	493.12	40.3	40.1	41.3	12.29	12.44	11.94
Rubber and misc. plastics products	341.32	402.86	356.89	42.4	46.2	44.5	8.05	8.72	8.02
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	549.78	557.57	553.44	38.5	39.1	37.7	14.28	14.26	14.68
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	479.58	468.46	432.69	39.7	39.3	39.3	12.08	11.92	11.01
WHOLESALE TRADE	363.04	361.67	341.82	40.7	40.5	39.7	8.92	8.93	8.61
RETAIL TRADE[f]	167.99	167.77	164.83	31.4	31.3	31.1	5.35	5.36	5.30
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	230.64	231.56	221.45	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	831.5	834.0	825.5	- .3	.7
MANUFACTURING	209.0	209.4	206.5	- .2	1.2
Durable Goods[e]	144.2	144.4	142.8	- .1	1.0
Furniture and fixtures	1.9	2.0	2.0	- 7.3	- 5.3
Primary metal industries	23.6	23.6	24.4	- .2	- 3.4
Blast furnace and basic steel products	11.2	11.2	13.0	.1	- 14.0
Iron and steel foundries	5.8	5.9	5.6	- .9	5.1
Nonferrous foundries	2.5	2.5	2.4	- 2.2	5.1
Fabricated metal products	31.8	31.4	31.5	1.3	.9
Fabricated structural metal products	3.8	3.8	3.8	.8	1.2
Screw machine products, bolts, etc.	4.3	4.1	4.3	3.3	- 1.4
Metal forgings and stampings	10.8	10.6	10.7	1.6	.6
Machinery, except electrical	31.8	32.0	30.2	- .5	5.6
Construction and related machinery	4.5	4.6	5.3	- 2.8	- 15.1
Metalworking machinery	10.4	10.4	9.9	.2	5.3
Special industry machinery	3.3	3.3	2.8	.2	15.9
General industrial machinery	2.8	2.8	2.5	- 1.0	13.7
Electric and electronic equipment	22.1	22.2	22.0	- .4	.8
Electrical industrial apparatus	7.5	7.5	7.2	- 1.0	3.2
Transportation equipment	19.0	19.1	19.3	- .7	- 1.7
Motor vehicles and equipment	12.5	12.6	13.2	- 1.0	- 5.4
Instruments and related products	6.0	5.9	5.7	.7	4.5
Nondurable Goods[f]	64.8	65.0	63.7	- .3	1.7
Food and kindred products	7.6	7.7	7.8	- 1.0	- 2.3
Bakery products	1.8	1.8	1.7	- 1.5	.9
Beverages	1.6	1.6	1.7	.0	- 5.1
Apparel and other textile products	5.1	5.1	4.7	.5	8.1
Paper and allied products	5.1	5.0	4.8	.8	5.8
Printing and publishing	15.3	15.3	14.8	- .1	3.6
Chemicals and allied products	14.3	14.4	14.6	- .7	- 2.1
Industrial inorganic chemicals	3.2	3.2	3.4	- .2	- 5.2
Rubber and misc. plastics products	11.2	11.2	11.0	.5	2.3
NONMANUFACTURING[g]	622.5	624.6	619.0	- .3	.6
CONSTRUCTION	25.8	26.0	27.6	- .7	- 6.3
TRANSPORTATION AND PUBLIC UTILITIES	41.9	41.8	36.9	.4	13.6
Communication, electric, gas services	19.7	19.6	15.0[h]	.3	31.6
WHOLESALE TRADE	57.8	58.0	58.3	- .4	- .9
RETAIL TRADE	134.7	135.0	134.6	- .2	.0
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.5	49.6	- .2	- 2.3
Banking	12.6	12.7	13.5	- .5	- 6.4
Insurance carriers	11.7	11.7	12.3	- .3	- 4.9
SERVICES	200.8	200.5	195.8	.1	2.6
GOVERNMENT	111.8	113.5	115.2	- 1.5	- 2.9
Federal government	19.5	19.5	19.2	- .1	1.5
State government (includes education)	7.4	7.5	7.3	- 1.4	.5
Local government	84.9	86.5	88.6	- 1.9	- 4.2
Local government, except education	47.6	47.4	50.5	.4	- 5.8
Local government education	37.3	39.1	38.0	- 4.6	- 2.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$449.28	$438.95	$427.22	41.6	41.1	41.0	$10.80	$10.68	$10.42
Durable Goods[d]	478.26	463.27	451.82	42.1	41.4	41.3	11.36	11.19	10.94
Furniture and fixtures	352.75	319.28	312.24	41.5	38.7	38.5	8.50	8.25	8.11
Primary metal industries	542.29	502.94	501.80	42.3	40.3	40.5	12.82	12.48	12.39
Blast furnace and basic steel products	483.41	483.78	450.33	37.1	37.1	35.1	13.03	13.04	12.83
Iron and steel foundries	752.21	617.39	648.19	49.1	42.2	46.2	15.32	14.63	14.03
Nonferrous foundries	348.80	337.82	359.35	40.7	40.8	41.4	8.57	8.28	8.68
Fabricated metal products	461.78	452.81	428.04	42.6	42.2	41.0	10.84	10.73	10.44
Fabricated structural metal products	376.97	386.55	348.93	41.7	42.2	38.9	9.04	9.16	8.97
Screw machine products, bolts, etc.	412.22	407.16	413.71	43.9	43.5	40.8	9.39	9.36	10.14
Metal forgings and stampings	587.84	564.45	521.90	44.0	42.6	42.5	13.36	13.25	12.28
Machinery, except electrical	444.96	445.30	437.38	41.2	41.5	40.8	10.80	10.73	10.72
Construction and related machinery	445.38	456.46	482.80	39.0	39.9	40.0	11.42	11.44	12.07
Metalworking machinery	398.40	396.60	409.11	39.8	39.7	39.3	10.01	9.99	10.41
Special industry machinery	457.70	462.98	475.76	39.8	40.4	42.9	11.50	11.46	11.09
General industrial machinery	405.30	407.35	392.12	42.0	42.3	40.3	9.65	9.63	9.73
Electric and electronic equipment	402.80	401.20	375.65	40.2	40.2	39.5	10.02	9.98	9.51
Electrical industrial apparatus	419.76	411.25	348.79	40.4	40.2	35.7	10.39	10.23	9.77
Transportation equipment	632.50	599.32	580.37	45.8	44.1	45.2	13.81	13.59	12.84
Motor vehicles and equipment	683.62	637.92	624.50	46.6	44.3	46.5	14.67	14.40	13.43
Instruments and related products	363.10	359.00	355.88	40.3	39.8	41.0	9.01	9.02	8.68
Nondurable Goods[e]	375.60	376.40	366.62	40.3	40.3	40.2	9.32	9.34	9.12
Food and kindred products	330.52	396.68	381.60	41.5	41.8	40.9	9.41	9.49	9.33
Bakery products	444.42	446.90	367.99	43.4	43.9	38.9	10.24	10.18	9.46
Beverages	334.84	334.15	346.76	38.8	38.9	40.7	8.63	8.59	8.52
Apparel and other textile products	265.17	275.53	266.73	37.4	37.9	38.6	7.09	7.27	6.91
Paper and allied products	418.20	419.62	409.77	42.2	42.3	43.5	9.91	9.92	9.42
Printing and publishing	365.54	366.05	363.07	36.3	36.1	35.7	10.07	10.14	10.17
Chemicals and allied products	473.18	472.60	440.34	42.4	42.5	41.0	11.16	11.12	10.74
Industrial inorganic chemicals	521.94	523.13	452.38	42.4	42.6	38.5	12.31	12.28	11.75
Rubber and misc. plastics products	334.43	327.13	331.93	41.7	41.2	42.5	8.02	7.94	7.81
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	776.49	762.49	679.13	40.4	39.9	37.5	19.22	19.11	18.11
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	535.12	522.65	484.38	41.1	40.8	39.0	13.02	12.81	12.42
WHOLESALE TRADE	353.23	349.95	343.73	39.6	39.1	39.6	8.92	8.95	8.68
RETAIL TRADE[f]	180.52	181.15	175.53	29.4	29.6	29.5	6.14	6.12	5.95
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	257.09	258.33	246.79	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	513.0	512.2	496.3	.1	3.4
MANUFACTURING	88.9	88.3	84.3	.7	5.5
Durable Goods[e]	57.6	57.1	53.7	1.0	7.3
Stone, clay, and glass products	9.6	9.5	9.3	.8	2.8
Fabricated metal products	10.1	10.0	9.5	1.2	6.5
Machinery, except electrical	10.1	10.0	9.1	.9	11.6
Electric and electronic equipment	10.3	10.2	10.0	.4	2.7
Transportation equipment	9.1	8.9	8.2	1.5	11.1
Nondurable Goods[f]	31.2	31.2	30.5	.2	2.2
Food and kindred products	10.1	10.1	9.8	.4	3.1
Printing and publishing	8.1	8.1	7.9	- .4	1.7
Chemicals and allied products	6.3	6.3	6.0	- .7	4.5
Rubber and misc. plastics products	2.8	2.7	2.7	2.9	5.7
NONMANUFACTURING[g]	424.1	424.0	412.0	.0	2.9
CONSTRUCTION	17.6	17.4	16.6	1.2	5.9
TRANSPORTATION AND PUBLIC UTILITIES	23.3	23.4	20.1	- .3	16.2
Communication, electric, gas services	11.1	11.1	8.1[h]	- .1	36.9
WHOLESALE TRADE	28.2	28.0	27.4	.6	2.9
RETAIL TRADE	98.2	97.3	94.6	.9	3.8
FINANCE, INSURANCE, AND REAL ESTATE	45.9	45.8	44.0	.2	4.5
Banking	8.8	8.8	8.7	- .3	1.9
Insurance carriers	18.2	18.2	18.0	- .3	.9
SERVICES	116.9	117.1	112.8	- .2	3.6
GOVERNMENT	93.3	94.3	96.0	- 1.0	- 2.8
Federal government	11.9	11.9	11.3	.3	6.1
State government	43.0	43.1	43.8	- .2	- 1.8
State government, except education	27.3	27.3	28.2	.2	- 3.2
State government education[i]	15.7	15.8	15.6	- .8	.6
Local government	38.4	39.3	41.0	- 2.2	- 6.3
Local government, except education	18.0	18.6	20.7	- 3.1	- 12.9
Local government education	20.4	20.7	20.3	- 1.4	.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$420.66	$414.53	$402.98	41.0	40.6	40.5	$10.26	$10.21	$ 9.95
Durable Goods[d]	429.45	423.23	419.80	40.9	40.5	40.6	10.50	10.45	10.34
Stone, clay, and glass products	397.01	394.22	379.99	39.9	39.7	39.5	9.95	9.93	9.62
Fabricated metal products	492.07	490.86	491.59	40.4	40.4	41.0	12.18	12.15	11.99
Machinery, except electrical	402.52	405.98	383.16	41.2	41.3	41.2	9.77	9.83	9.30
Electric and electronic equipment	413.88	410.04	426.70	40.3	40.2	42.5	10.27	10.20	10.04
Transportation equipment	555.81	530.62	520.70	44.5	43.0	43.5	12.49	12.34	11.97
Nondurable Goods[e]	400.88	396.32	369.77	41.2	40.9	40.5	9.73	9.69	9.13
Food and kindred products	384.47	383.05	370.82	41.7	41.5	41.9	9.22	9.23	8.85
Printing and publishing	457.05	462.56	429.39	38.7	39.4	37.6	11.81	11.74	11.42
Chemicals and allied products	440.80	450.02	425.80	40.0	40.8	41.3	11.02	11.03	10.31
Rubber and misc. plastics products	380.26	324.90	306.25	46.6	41.6	42.3	8.16	7.81	7.24
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	517.90	498.02	488.25	39.9	39.4	37.5	12.98	12.64	13.02
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	518.74	511.97	451.94	40.4	40.6	38.3	12.84	12.61	11.80
WHOLESALE TRADE	285.52	292.43	304.13	39.6	39.2	39.6	7.21	7.46	7.68
RETAIL TRADE[f]	159.64	160.52	168.00	29.4	29.4	30.0	5.43	5.46	5.60
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	242.12	243.44	238.73	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	343.0	342.9	331.4	.1	3.5
MANUFACTURING	91.4	91.3	86.1	.1	6.2
Durable Goods[e]	63.4	63.4	59.5	.0	6.7
Stone, clay, and glass products	2 1	2.1	2.0	.6	6.6
Fabricated metal products	7.2	7.2	6.7	.4	8.6
Machinery, except electrical	29.4	29.3	27.3	.4	7.8
Metalworking machinery	6.7	6.6	6.3	1.4	6.6
Electric and electronic equipment	5.0	5.0	4.9	.6	3.4
Electrical industrial apparatus	2.9	2.9	2.8	1.6	4.4
Transportation equipment	13.4	13.5	12.9	- .8	3.4
Nondurable Goods[f]	28.0	27.9	26.6	.3	5.1
Food and kindred products	2.9	2.8	2.9	2.1	- .8
Paper and allied products	5.8	5.8	5.1	.7	14.0
Printing and publishing	7.5	7.4	7.2	.7	4.3
Rubber and misc. plastics products	8.2	8.2	8.0	- .3	2.5
NONMANUFACTURING[g]	251.6	251.5	245.3	.0	2.6
CONSTRUCTION	10.2	10.2	10.0	.2	2.0
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	11.8	- .2	10.4
Communication, electric, gas services	5.7	5.7	4.8[h]	- .2	17.3
WHOLESALE TRADE	17.1	17.1	16.6	.0	2.7
RETAIL TRADE	56.4	56.0	55.5	.6	1.6
FINANCE, INSURANCE, AND REAL ESTATE	14.3	14.3	14.0	.4	2.2
SERVICES	77.7	77.6	75.5	.2	3.0
GOVERNMENT	62.6	63.1	61.6	- .7	1.6
Federal government	27.1	27.1	26.3	- .2	2.9
State government (includes education)	5.4	5.4	5.2	- 1.0	2.3
Local government	30.2	30.5	30.0	- 1.2	.4
Local government, except education	13.3	13.4	13.4	- .8	- .6
Local government education	16.8	17.1	16.6	- 1.6	1.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$479.09	$481.77	$445.42	42.7	42.9	42.1	$11.22	$11.23	$10.58
Durable Goods[d]	487.30	491.12	446.90	43.2	43.5	42.4	11.28	11.29	10.54
Stone, clay, and glass products	392.18	389.51	375.36	41.9	42.2	39.1	9.36	9.23	9.60
Fabricated metal products	375.73	369.33	341.15	42.6	42.5	39.9	8.82	8.69	8.55
Machinery, except electrical	531.93	535.79	476.77	44.7	45.1	43.7	11.90	11.88	10.91
Metalworking machinery	502.32	501.23	461.78	45.5	45.9	43.4	11.04	10.92	10.64
Electric and electronic equipment	341.94	345.64	314.42	41.7	42.1	39.6	8.20	8.21	7.94
Electrical industrial apparatus	376.00	383.96	332.87	42.2	42.9	39.3	8.91	8.95	8.47
Transportation equipment	613.24	624.46	558.54	43.4	44.1	42.8	14.13	14.16	13.05
Nondurable Goods[e]	457.88	460.24	440.26	41.4	41.5	41.3	11.06	11.09	10.66
Food and kindred products	401.32	407.26	389.20	42.2	42.6	40.0	9.51	9.56	9.73
Paper and allied products	416.21	423.20	381.71	43.4	43.9	41.9	9.59	9.64	9.11
Printing and publishing	433.82	426.02	424.86	39.8	38.8	38.8	10.90	10.98	10.95
Rubber and misc. plastics products	568.48	571.05	548.27	41.8	42.3	42.8	13.60	13.50	12.81
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	537.30	530.99	539.24	39.8	38.9	38.6	13.50	13.65	13.97
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	504.29	497.76	445.74	40.8	40.8	39.1	12.36	12.20	11.40
WHOLESALE TRADE	363.80	371.08	348.53	42.5	43.3	42.4	8.56	8.57	8.22
RETAIL TRADE[f]	160.19	160.97	161.10	29.5	29.7	30.0	5.43	5.42	5.37
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	287.6	287.4	277.5	.1	3.7
MANUFACTURING	75.7	75.0	70.0	.9	8.2
Durable Goods[e]	59.4	59.2	54.0	.3	10.0
Stone, clay, and glass products	11.3	11.2	11.3	.8	.3
Primary metal industries	4.0	4.1	3.8	- 3.6	4.6
Fabricated metal products	8.6	8.6	7.6	.7	13.3
Metal forgings and stampings	4.0	4.0	3.5	1.3	16.0
Machinery, except electrical	6.5	6.5	5.9	1.0	10.8
General industrial machinery	1.5	1.5	1.6	- .3	- 1.6
Transportation equipment	20.9	20.8	17.9	.1	16.5
Motor vehicles and equipment	19.7	19.6	16.7	.3	17.5
Nondurable Goods[f]	16.3	15.8	15.9	3.3	2.1
Food and kindred products	4.5	3.8	4.1	19.3	9.1
Rubber and misc. plastics products	4.1	4.3	3.5	- 3.9	16.8
NONMANUFACTURING[g]	211.9	212.4	207.5	- .2	2.1
CONSTRUCTION	10.4	10.4	10.8	.5	- 3.9
TRANSPORTATION AND PUBLIC UTILITIES	17.7	17.8	16.8	- .1	5.4
Communication, electric, gas services	7.5	7.5	6.9[h]	.1	9.5
WHOLESALE TRADE	14.4	14.5	14.4	- .1	.2
RETAIL TRADE	50.2	49.9	49.8	.6	.9
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.1	10.9	- .2	2.2
SERVICES	66.3	66.5	64.5	- .3	2.7
GOVERNMENT	41.3	41.9	39.9	- 1.4	3.6
State government (includes education)	11.2	11.7	11.2	- 4.1	.1
Local government	27.3	27.4	26.0	- .4	5.2
Local government, except education	13.1	13.2	12.3	- 1.1	6.5
Local government education	14.2	14.2	13.6	.2	4.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$504.45	$498.37	$479.25	43.3	43.0	42.6	$11.65	$11.59	$11.25
Durable Goods[d]	529.43	521.23	499.36	43.9	43.4	42.9	12.06	12.01	11.64
Stone, clay, and glass products	513.04	504.45	483.36	44.0	43.3	42.7	11.66	11.65	11.32
Primary metal industries	501.98	499.85	484.47	44.9	45.4	44.9	11.18	11.01	10.79
Fabricated metal products	471.97	448.67	457.52	43.3	41.2	42.6	10.90	10.89	10.74
Metal forgings and stampings	520.78	507.96	518.63	42.1	41.5	43.4	12.37	12.24	11.95
Machinery, except electrical	428.48	434.30	437.06	41.2	41.6	41.0	10.40	10.44	10.66
General industrial machinery	452.76	455.67	493.85	40.9	41.2	41.5	11.07	11.06	11.90
Transportation equipment	633.20	624.56	579.47	45.1	44.9	43.8	14.04	13.91	13.23
Motor vehicles and equipment	635.96	627.75	577.28	45.2	45.0	43.7	14.07	13.95	13.21
Nondurable Goods[e]	409.70	403.65	408.93	41.3	41.4	41.6	9.92	9.75	9.83
Food and kindred products	430.76	452.41	449.07	41.7	42.6	44.2	10.33	10.62	10.16
Rubber and misc. plastics products	326.17	321.79	320.19	38.6	39.1	39.0	8.45	8.23	8.21
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	616.36	607.74	627.52	38.0	36.9	37.0	16.22	16.47	16.96
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	527.26	510.45	502.53	41.0	41.0	41.6	12.86	12.45	12.08
WHOLESALE TRADE	330.99	333.40	334.46	37.4	37.8	38.4	8.85	8.82	8.71
RETAIL TRADE[f]	164.35	162.38	164.28	29.4	29.1	29.6	5.59	5.58	5.55
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	181.1	181.7	177.3	- .3	2.1
MANUFACTURING	55.1	55.6	53.1	- .9	3.7
Durable Goods[e]	49.7	50.2	48.0	- 1.1	3.5
Stone, clay, and glass products	1.8	1.8	1.8	2.1	2.5
Primary metal industries	22.3	23.0	22.7	- 3.0	- 1.8
Blast furnace and basic steel products	8.6	9.2	9.2	- 5.8	- 6.5
Fabricated metal products	8.5	8.5	8.0	- .4	6.1
Fabricated structural metal products	2.1	2.0	1.9	2.0	8.3
Machinery, except electrical	3.8	3.8	3.8	.5	.0
Metalworking machinery	1.5	1.5	1.7	.7	- 10.8
Electric and electronic equipment	2.7	2.8	2.1	- .2	29.3
Transportation equipment	8.9	8.8	8.0	1.3	10.5
Nondurable Goods[f]	5.4	5.4	5.1	.8	6.3
NONMANUFACTURING[g]	125.9	126.1	124.2	- .1	1.4
CONSTRUCTION	5.5	5.4	5.5	.8	.4
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.5	7.1	.7	7.0
Communication, electric, gas services	3.1	3.1	2.7[h]	- .2	12.0
WHOLESALE TRADE	7.9	8.0	7.8	- .4	2.1
RETAIL TRADE	34.1	34.0	34.2	.2	- .5
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.4	7.3	.1	2.0
SERVICES	40.6	40.8	39.6	- .5	2.5
GOVERNMENT	22.3	22.3	22.1	- .3	.6
Local government (includes education)	17.3	17.3	17.2	.2	.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$541.87	$578.58	$505.99	42.6	44.2	41.3	$12.72	$13.09	$12.25
Durable Goods[d]	558.54	598.09	519.58	42.8	44.6	41.5	13.05	13.41	12.52
Stone, clay, and glass products	359.84	360.19	356.29	38.2	38.4	39.5	9.42	9.38	9.02
Primary metal industries	587.30	585.90	522.29	42.1	42.0	40.3	13.95	13.95	12.96
Blast furnace and basic steel products	545.71	527.47	500.58	41.0	39.6	39.2	13.31	13.32	12.77
Fabricated metal products	552.24	575.77	586.53	41.9	43.0	44.3	13.18	13.39	13.24
Fabricated structural metal products	400.53	413.51	415.91	39.5	40.5	39.8	10.14	10.21	10.45
Machinery, except electrical	459.60	460.40	437.04	40.0	40.0	37.1	11.49	11.51	11.78
Metalworking machinery	458.85	474.60	449.64	41.6	42.0	38.3	11.03	11.30	11.74
Electric and electronic equipment	415.53	432.96	393.19	40.5	41.0	41.0	10.26	10.56	9.59
Transportation equipment	639.43	818.38	566.31	47.4	55.9	43.9	13.49	14.64	12.90
Nondurable Goods[e]	350.32	359.20	353.46	39.9	40.0	39.1	8.78	8.98	9.04
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	627.40	586.34	563.47	38.8	36.9	36.4	16.17	15.89	15.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	497.76	494.77	440.61	40.8	41.3	39.2	12.20	11.98	11.24
WHOLESALE TRADE	335.94	329.87	320.23	36.2	35.7	35.9	9.28	9.24	8.92
RETAIL TRADE[f]	169.90	171.05	168.04	29.6	29.8	29.9	5.74	5.74	5.62
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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